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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. B-1482

First Inventor or Application Identifier Yong Wang, et al.

Title A method for steam reforming of a hydrocarbon

Express Mail Label No. EJ017935648US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 8]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
4. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☒ * Small Entity Statement(s) [Statement filed in prior application, Status still proper and desired]
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Other: _____

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Name (Print/Type)	Paul W. Zimmerman	Registration No. (Attorney/Agent)	34,761
Signature	<i>Paul W. Zimmerman</i>	Date	99/AUG/17

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 1999</h3> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p>	<p style="margin: 0;"><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Application Number</td><td></td></tr> <tr><td>Filing Date</td><td></td></tr> <tr><td>First Named Inventor</td><td>Yong Wang et al.</td></tr> <tr><td>Examiner Name</td><td></td></tr> <tr><td>Group / Art Unit</td><td></td></tr> <tr><td>Attorney Docket No.</td><td>B-1482</td></tr> </table>	Application Number		Filing Date		First Named Inventor	Yong Wang et al.	Examiner Name		Group / Art Unit		Attorney Docket No.	B-1482
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TOTAL AMOUNT OF PAYMENT	(\$) 380.00												

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 02-1275</p> <p>Deposit Account Name: Battelle Memorial Institute Pacific Northwest Division</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<h3>3. ADDITIONAL FEES</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr> <tr><td>139</td><td>130</td><td>139 130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215 55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>380</td><td>216 190</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>870</td><td>217 435</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,360</td><td>218 680</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,850</td><td>228 925</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>300</td><td>219 150</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>300</td><td>220 150</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>260</td><td>221 130</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240 55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,210</td><td>241 605</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,210</td><td>242 605</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>430</td><td>243 215</td><td>Design issue fee</td></tr> <tr><td>144</td><td>580</td><td>244 290</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122 130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123 50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126 240</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>760</td><td>246 380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>149</td><td>760</td><td>249 380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> </tbody> </table>	Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130	205 65	Surcharge - late filing fee or oath	127	50	227 25	Surcharge - late provisional filing fee or cover sheet.	139	130	139 130	Non-English specification	147	2,520	147 2,520	For filing a request for reexamination	112	920*	112 920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	115	110	215 55	Extension for reply within first month	116	380	216 190	Extension for reply within second month	117	870	217 435	Extension for reply within third month	118	1,360	218 680	Extension for reply within fourth month	128	1,850	228 925	Extension for reply within fifth month	119	300	219 150	Notice of Appeal	120	300	220 150	Filing a brief in support of an appeal	121	260	221 130	Request for oral hearing	138	1,510	138 1,510	Petition to institute a public use proceeding	140	110	240 55	Petition to revive - unavoidable	141	1,210	241 605	Petition to revive - unintentional	142	1,210	242 605	Utility issue fee (or reissue)	143	430	243 215	Design issue fee	144	580	244 290	Plant issue fee	122	130	122 130	Petitions to the Commissioner	123	50	123 50	Petitions related to provisional applications	126	240	126 240	Submission of Information Disclosure Stmt	581	40	581 40	Recording each patent assignment per property (times number of properties)	146	760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	149	760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	Other fee (specify) _____				Other fee (specify) _____			
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Paul W. Zimmerman			Reg. Number	34,761
Signature	Paul W. Zimmerman		Date	09/06/17	Deposit Account User ID
				005055	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Y Wang, DP Vanderwiel, AY Tonkovich

For: A METHOD FOR STEAM REFORMING
OF A HYDROCARBON

Our Ref. No: B-1482

Date: August 17, 1999

CERTIFICATE OF MAILING

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

☒ Patent Application of 8 pages
☒ 1 Sheets of Drawings
☒ Patent Transmittal Fee Sheet (2 ea.)
☒ Assignment and Cover Sheet
☒ Combined Declaration and Power of Attorney
☒ Small Entity
☐ Information Disclosure Statement
[] with attachments

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in an envelope addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231, on the date set forth below.

Janice K. Laybourn
Signature

8/17/99
Date Deposited

Janice K. Laybourn (K1-53)
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Division
P.O. Box 999
Richland, WA 99352
(509) 375-2655

CHANNED 10